

Message Text

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ACTION NEA-10

INFO OCT-01 ISO-00 ACDA-12 COME-00 EB-08 NSF-01 NAS-01
SS-15 OES-07 CEQ-01 EPA-01 SMI-01 HEW-04 AID-05
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DLOS-09 CG-00 DOTE-00 /128 W
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R 061300Z DEC 71
FM AMEMBASSY NEW DELHI
TO SECSTATE WASHDC 7809

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FOR NEA/INS GRAHAME FROM BELLOCCHI

E.O. 11652: N/A
TAGS: USINJC, IN, US
SUBJECT: SUBCOMMISSION ON SCIENCE AND TECHNOLOGY

1. FOLLOWING IS A DRAFT REPORT ON THE SUBCOMMISSION
ON SCIENCE AND TECHNOLOGY:

2. "THE SECOND MEETING OF THE US-INDIA SUBCOMMISSION ON
SCIENCE AND TECHNOLOGY WAS HELD IN NEW DELHI, JANUARY
1976. AGREEMENT WAS REACHED AT THE MEETING ON THE
FUNCTIONS AND RESPONSIBILITIES OF THE SUBCOMMISSION ON
SCIENCE AD TECHNOLOGY. IT WAS DECIDED THAT THE
SUBCOMMISSION WILL BE THE PRINCIPAL INTERGOVERNMENTAL
FORUM FOR REVIEW AND COORDINATION OF GOVERNMENT-
FINANCED SCIENCE AND TECHNOLOGY COOPERATION. THE
SUBCOMMISSION TOOK SEVERAL STEPS TO FURTHER PROMOTE
COOPERATIVE ACTIVITIES IN THE PRIORITY AREAS OF
AGRICULTURE AND WATER RESROUCES, ENVIRONMENT AND
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NATURAL RESOURCES, HEALTH, METROLOGY, MATERIALS AND
ELECTRONICS, INFORMATIONAL SCIENCE AND INSTITUTIONAL
EXCHANGE.

3. "THE THIRD MEETING OF THE SUBCOMMISSION WAS HELD
IN WASHINGTON, D.C. JUNE 16 TO 17, 1977 UNDER THE

JOINT CHAIRMANSHIP OF MRS.PATSY T. MINK, ASSISTANT SECRETARY OF STATE OF OCEANS AND INTERNATIONAL ENVIRONMENTAL AND SCIENTIFIC AFFAIRS, USA AND DR. ARCOT RAMACHANDRAN, SECRETARY, DEPARTMENT OF SCIENCE AND TECHNOLOGY, GOVERNMENT OF INDIA. THE UNITED STATES PROPOSED FOUR NEW FIELDS OF COOPERATIVE RESEARCH AT THE THIRD SUBCOMMISSION MEETING: WILDLIFE AND HABITAT, SOLAR ACTIVITY RELATED TO WEATHER PHENOMENA, OCEANOGRAPHY AND EARTH SCIENCES. INDIA PROPOSED COOPERATIVE RESEARCH IN SMALL INDUSTRIAL TECHNOLOGIES AND NEW INITIATIVES IN THE PREVIOUSLY-AGREED PRIORITY AREAS OF HEALTH, AGRICULTURE AND WATER RESOURCES ,AND ENERGY. THE SUBCOMMISSION AGREED THAT COOPERATIVE RESEARCH IN THE NEW FIELDS MENTIONED ABOVE WAS OF PRIORITY MUTUAL INTEREST AND RECOMMENDED THAT EXPERTS FROM THE TWO COUNTRIES MEET TO DEFINE SPECIFIC OBJECTIVES AND ELABORATE DETAILED JOINT PROGRAMS. SPECIALIZED PANELS ALSO MET TO COORDINATE PLANS FOR JOINT EFFORTS IN THE ALREADY IDENTIFIED AREAS AND OCEAN SCIENCES.

4. "SINCE THE JOINT COMMISSION MEETING IN OCTOBER 1975 SUBSTANTIAL PROGRESS HAS BEEN MADE TO ADVANCE JOINT PROJECTS IN SCIENCE AND TECHNOLOGY. A JOINT WORKSHOP ON SOLAR ENERGY WAS HELD IN NEW DELHI IN AUGUST 1976 TO IDENTIFY COLLABORATIVE PROJECTS. SINCE THEN THE US DEPARTMENT OF ENERGY (DOE) HAS BEEN WORKING CLOSELY LIMITED OFFICIAL USE

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WITH THE INDIAN DEPARTMENT OF SCIENCE AND TECHNOLOGY (DST) TO IDENTIFY US CO-PRINCIPAL INVESTIGATORS FOR PROJECTS PROPOSED BY THE GOVERNMENT OF INDIA AND TO REVIEW PROPOSALS EXCHANGED FOR COOPERATIVE WORK. A JET PROPULSION LABORATORY OFFICIAL HAS RECENTLY VISITED INDIA AND FORMULATED A PROPOSAL WITH BHARAT HEAVY ELECTRICALS LIMITED (BHEL) FOR A SOLAR ENERGY SYSTEM FOR RURAL AREAS. SEVERAL ADDITIONAL US SCIENTISTS WILL ATTEND THE JANUARY 1978 INTERNATIONAL SOLAR ENERGY CONGRESS IN NEW DELHI TO BEGIN INTENSIVE WORK WITH THEIR INDIAN COLLEAGUES. AN INDIAN TEAM VISITED US INSTITUTIONS ACTIVE IN COAL RESEARCH IN FALL 1976. AS A FOLLOW-UP TO THAT VISIT A SENIOR ERDA OFFICIAL IS EXPECTED TO VISIT INDIA IN DECEMBER 1977 TO FURTHER PROMOTE COLLABORATION IN COAL CONVERSION.

5. "A NATIONAL BUREAU OF STANDARDS (NBS) EXPERT HAS VISITED INDIA TO FURTHER DEVELOP PROPOSED COLLABORATION IN FLAT CONDUCTOR CABLE SYSTEMS. NBS EXPERTS HAVE ALSO VISITED INDIA TO FURTHER REVISE JOINT PROPOSALS IN ELECTRONICS, DIMENSIONAL TECHNOLOGY AND METROLOGY.

THE US NATIONAL SCIENCE FOUNDATION (NSF) HAS COMPLETED THE FIRST PHASE OF ACTIVITY UNDER THE INFORMATIONAL SCIENCES WORKING GROUP BY HOLDING TWO JOINT SEMINARS ON INFORMATIONAL SCIENCES: ONE AT WASHINGTON, D.C. IN OCTOBER 1976 AND THE OTHER AT BANGALORE IN JULY 1977. AT THE GOVERNMENT OF INDIA'S REQUEST, NSF SENT AN EXPERT TO INDIA TO ASSIST IN DEFINING A RESEARCH AND DEVELOPMENT STATISTICAL SYSTEM.

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ACTION NEA-10

INFO OCT-01 ISO-00 ACDA-12 COME-00 EB-08 NSF-01 NAS-01
SS-15 OES-07 CEQ-01 EPA-01 SMI-01 HEW-04 AID-05
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R 061300Z DEC 77
FM AMEMBASSY NEW DELHI
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FOR NEA/INS GRAHAME FROM BELLOCCHI

6. "AS PART OF OUR COOPERATION IN HEALTH A SEVEN-MAN US TEAM ATTENDED A RECENT LEPROSY CONGRESS IN INDIA AND VISITED LEPROSY RESEARCH FACILITIES TO DISCUSS POSSIBLE COLLABORATIVE EFFORTS. TWO AMERICAN MALARIA EXPERTS HAVE VISITED INDIA FOR CONSULTATION ON POSSIBLE COLLABORATION IN MALARIA RESEARCH, AS HAS A TEAM OF REPRODUCTIVE BIOLOGISTS. IN DECEMBER 1977 AN AMERICAN TEAM WILL VISIT INDIA TO COLLABORATE WITH INDIAN SCIENTISTS ENGAGED IN A NATIONAL SURVEY OF NON-HUMAN PRIMATES. SEVERAL PROPOSALS ON CANCER RESEARCH ARE BEING DEVELOPED. THE US REHABILITATION SERVICES ADMINISTRATION CONSULTANTS HAVE VISITED INDIA AT THE REQUEST OF THE INDIAN COUNCIL OF MEDICAL RESEARCH TO DEVELOP COLLABORATIVE RESEARCH PROPOSALS IN THE REHABILITATION OF PATIENTS WITH CANCER, BURNS AND OTHER DISABILITIES. THREE NEW COLLABORATIVE PROJECTS HAVE GOTTEN UNDER WAY.

7. "THE US DEPARTMENT OF AGRICULTURE HAS OBLIGATED
INDIAN RS. 10,481,600 FOR THREE NEW GRANTS AND 29
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AMENDMENTS FOR CURRENT PROJECTS DURING 1977. TWO
OF THREE NEW GRANTS ARE ALL-INDIA COORDINATED PROJECTS
CONCERNING REDUCTION OF POST-HARVEST FOOD LOSSES AND
ALSO WEED CONTROL. RESEARCH PROJECTS IN AGRICULTURE ARE
BEING PREPARED USING THE LIST OF PRIORITY AREAS IDENTIFIED
BY THE SUBCOMMISSION AS GUIDELINES. THREE INDIAN
SCIENTISTS FUNDED BY THE GOI HAVE TRAVELED TO THE US
TO BECOME FAMILIAR WITH CURRENT RESEARCH GOING ON IN
THE FIELDS OF PHOTO-SYNTHESIS, SOLAR ENERGY AND POST-
HARVEST TECHNOLOGY. A LARGE COORDINATED PROPOSAL ON
PHOTOSYNTHESIS RESEARCH HAS BEEN SUBMITTED AND IS NOW
IN THE FINAL STAGES OF REVIEW BY USDA. SCIENTISTS AND
THE MINISTRY OF AGRICULTURE.

8. "DST IS MAKING PREPARATIONS FOR A BINATIONAL
SEMINAR ON ENVIRONMENTAL PROTECTION ACTIVITIES TO BE
HELD IN INDIA EARLY IN 1978 AND THE NSF IS ORGANIZING A
BINATIONAL WORKSHOP ON OCEAN SCIENCES ALSO TO BE HELD
IN INDIA EARLY IN 1978. IN ORDER TO DEVELOP COOPERATIVE
WORK IN WILDLIFE AND HABITAT STUDIES, THE US FISH-
AND WILDLIFE SERVICE IS PLANNING TO SEND A STUDY
MISSION TO INDIA IN JANUARY 1978. DST IS PREPARING FOR
A BINATIONAL WORKSHOP ON REMOTE SENSING FOR
DEVELOPMENT TO BE HELD IN HYDERABAD IN MARCH
OR APRIL 1978.

9. "ALL THESE MEETINGS CONSTITUTE THE FIRST STAGE
IN IMPLEMENTING THE SUBCOMMISSION'S FUTURE PLANS
FOR JOINT WORK. THEY SHOULD PRODUCE CONCRETE
PROJECT PROPOSALS FOR COLLABORATIVE RESEARCH AND
DEVELOPMENT BENEFICIAL TO BOTH COUNTRIES."
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Message Attributes

Automatic Decaptioning: X
Capture Date: 01-Jan-1994 12:00:00 am
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: COMMITTEE MEETINGS, SCIENTIFIC COOPERATION
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Decaption Note:
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Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment: 25 YEAR REVIEW
Disposition Date: 22 May 2009
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1977NEWDE17352
Document Source: CORE
Document Unique ID: 00
Drafter: n/a
Enclosure: n/a
Executive Order: n/a
Errors: n/a
Expiration:
Film Number: D770452-1055
Format: TEL
From: NEW DELHI
Handling Restrictions: n/a
Image Path:
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Legacy Key: link1977/newtext/t197712108/aaaaghmnl.tel
Line Count: 214
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Litigation History:
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Office: ACTION NEA
Original Classification: LIMITED OFFICIAL USE
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 4
Previous Channel Indicators: n/a
Previous Classification: LIMITED OFFICIAL USE
Previous Handling Restrictions: n/a
Reference: n/a
Retention: 0
Review Action: RELEASED, APPROVED
Review Content Flags:
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Review Media Identifier:
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
SAS ID: 117045
Secure: OPEN
Status: <DBA CORRECTED> sph 970924
Subject: SUBCOMMISSION ON SCIENCE AND TECHNOLOGY
TAGS: TBIO, TGEN, IN, US, USINJC
To: STATE
Type: TE
vdkgvwkey: odbcl://SAS/SAS.dbo.SAS_Docs/a2eb5dfc-c188-dd11-92da-001cc4696bcc
Review Markings:
Margaret P. Grafeld
Declassified/Released
US Department of State
EO Systematic Review
22 May 2009
Markings: Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 22 May 2009